EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|----------------------------|--|---------------------|---------|---------------------|
| L1 | 0 | "10587249" and "PA9" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2011/01/05 11:08 |
| L2 | 1 | "10587249" and "9" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2011/01/05 11:08 |
| L3 | 4527 | 428/36.9 or 428/36.91 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2011/01/05 11:14 |
| L4 | 645 | 526/250 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2011/01/05 11:14 |
| L5 | 1901 | 138/137 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2011/01/05 11:14 |
| L6 | 951 | 428/36.8 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2011/01/05 11:14 |
| L7 | 7154 | L3 or L4 or L5 or L6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2011/01/05 11:14 |
| L8 | 36 | L7 and (semi adj aromatic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2011/01/05 11:14 |
| L9 | 4 | L7 and (pa9) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2011/01/05 11:14 |
| L10 | 40 | l8 or l9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2011/01/05 11:14 |
| S1 | 28 | nishioka and iwasa | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/05/06 08:25 |
| S2 | 473 | keita and suzuki | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/05/06 09:50 |
| S3 | 111 | S2 and resin | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/05/06 09:50 |
| S4 | 316 | elichi and kazuhiro | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/05/06 10:41 |

| S5 | 0 | eiichi and kazuhirol3 and tsutomu | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/05/06 10:41 |
|-----|---------|--|--|-----|-----|---------------------|
| S6 | 44 | S4 and kato | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/05/06 10:41 |
| S7 | 3 | "06234190" | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/05/06 10:44 |
| S8 | 4680546 | tube or hose or film | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/05/06 11:02 |
| S9 | 11172 | polyamide and (fluoropolymer or (fluorine adj containing adj polymer)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/06 11:04 |
| S10 | 8570 | S8 and S9 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/06 11:04 |
| S11 | 833 | semi adj aromatic | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/06 11:05 |
| S12 | 36 | S10 and S11 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/06 11:05 |
| S13 | 682 | nishino and akira | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/06 14:27 |
| S14 | 16 | S13 and yuji | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/06 14:27 |
| S15 | 2404 | terminal adj modified | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/06 15:49 |
| S16 | 36 | S15 near polyamide | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/06 15:49 |
| S17 | 14 | "5736610" | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/06 16:00 |
| S18 | 412 | nonanediamine | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/06 16:05 |
| S19 | 1700 | octanediamine or dodecanediamine | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/06 16:05 |
| S20 | 1851 | S18 or S19 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/06 16:05 |
| S21 | 782 | S20 and terephthal\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/06 16:06 |
| S22 | 592 | S21 and polyamide | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/06 16:06 |

| S23 | 3631 | 428/36.9 or 428/36.91 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/06 16:13 |
|-----|---------|---|--|-----|-----|---------------------|
| S24 | 562 | 526/250 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/06 16:13 |
| S25 | 1661 | 138/137 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/06 16:17 |
| S26 | 815 | 428/36.8 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/06 16:18 |
| S27 | 5937 | S23 or S24 or S25 or S26 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/06 16:18 |
| S28 | 1917 | S27 and polyamide | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/06 16:19 |
| S29 | 1292 | S28 and (tube or hose) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/06 16:19 |
| S30 | 242 | S29 and (fluoropolymer or (fluorine adj containing adj polymer)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/06 16:19 |
| S31 | 152 | S30 and fuel | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/06 16:20 |
| S32 | 49780 | fluoropolymer or (fluorine adj containing polymer) or (fluorine adj containing copolymer) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/05/06 16:58 |
| S33 | 10583 | S32 and polyamide | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/05/06 16:58 |
| S34 | 6676 | conduct\$4 and S33 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/05/06 16:59 |
| S36 | 3001 | electrical and S34 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/05/06 16:59 |
| S37 | 2121445 | tube or hose | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/05/06 17:00 |
| S38 | 1238 | S37 and S36 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/05/06 17:00 |
| S39 | 224 | S38 and fuel | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/05/06 17:00 |
| S40 | 5 | "6656553" | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/05/07 09:33 |
| S41 | 2221 | fuel adj hose | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/05/07 10:37 |

| S42 | 49780 | fluoropolymer or (fluorine adj containing polymer) or (fluorine adj containing copolymer) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/05/07 10:38 |
|-----|-------|---|--|-----|-----|---------------------|
| S44 | 217 | S41 and S42 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/05/07 10:38 |
| S45 | 119 | S44 and polyamide | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/07 10:46 |
| S46 | 10 | "6855787" | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/07 10:48 |
| S47 | 5 | "6989198" | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/07 10:51 |
| S48 | 4 | "6655414" | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/07 11:07 |
| S49 | 4 | "6656533" | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/07 11:20 |
| S50 | 5 | "6656553" | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/07 11:21 |
| S51 | 2404 | terminal adj modified | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/07 13:26 |
| S52 | 36 | S51 near polyamide | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/07 13:26 |
| S53 | 16 | S52 and (fuel or gas or auto) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/07 13:26 |
| S54 | 5 | "6794048" | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/05/07 15:32 |
| S55 | 14 | tomoharu and nishioka | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/05/07 16:15 |
| S56 | 6621 | polyamide and ((naphthalene adj dicarboxylic adj acid) or naphthalenedicarboxylic adj acid) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/08 09:42 |
| S57 | 8 | S56 and 9N | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/08 09:42 |
| S58 | 8 | (polyamide or nylon) near 9n | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/08 09:46 |
| S59 | 104 | S56 and (nonanediamine or octanediamine) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/08 10:18 |
| S60 | 41 | S59 and (tube or hose) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/08 10:18 |

| S61 | 6634 | S56 or (naphthalenedioic adj acid) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/08 10:40 |
|-----|---------|--|--|-----|-----|---------------------|
| S62 | 104 | S61 and (nonanediamine or octanediamine) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/05/08 10:42 |
| S63 | 10627 | (fuel adj hose) or (fuel adj pipe) or (fuel adj tube) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/05/08 11:10 |
| S64 | 4286 | polyamide adj ("11" or "12") | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/05/08 11:10 |
| S65 | 149 | S63 and S64 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/05/08 11:11 |
| S66 | 10 | ("5554425" "5670608" "5869157" "6656553" "6794048").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/12/18 11:18 |
| S67 | 2 | ("20030012906").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/12/18 11:19 |
| S68 | 3777 | 428/36.9 or 428/36.91 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/18 11:19 |
| S69 | 580 | 526/250 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/18 11:19 |
| S70 | 1696 | 138/137 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/18 11:19 |
| S71 | 836 | 428/36.8 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/18 11:19 |
| S72 | 6142 | S68 or S69 or S70 or S71 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/18 11:19 |
| S73 | 6142 | S72 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/12/18 11:19 |
| S74 | 4881183 | tube or hose or film | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/12/18 11:20 |
| S75 | 4569 | S72 and S74 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/12/18 11:20 |
| S76 | 12184 | polyamide and (fluoropolymer or (fluorine adj containing adj polymer)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/18 11:20 |

| | | | CLIC DODLID | 7.4.4.5 | | |
|-----|--------|--|--|---------|----|---------------------|
| S77 | 325 | S75 and S76 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/12/18 11:20 |
| S78 | 443 | nonanediamine | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/18 11:21 |
| S79 | 1 | S77 and S78 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/12/18 11:21 |
| S80 | 16 | S74 and S76 and S78 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/12/18 11:21 |
| S81 | 46491 | fluoropolymer or (fluorine adj containing adj (resin or polymer)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/12/18 11:22 |
| S82 | 6728 | polyamide same S81 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/12/18 11:22 |
| S83 | 4924 | S82 and S74 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/12/18 11:22 |
| S84 | 3675 | S83 and adhe\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/12/18 11:22 |
| S85 | 159274 | acid adj anhydride | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/12/18 11:24 |
| S86 | 230 | S81 same S85 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/12/18 11:24 |
| S87 | 98 | S86 and (polyamide or mylon) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/12/18 11:24 |
| S88 | 3 | "07173447" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/12/18 13:03 |
| S89 | 3927 | 428/36.9 or 428/36.91 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/07/01 15:00 |
| S90 | 597 | 526/250 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/07/01 15:00 |
| S91 | 1744 | 138/137 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/07/01 15:00 |

| S92 | 857 | 428/36.8 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/07/01 15:00 |
|------|---------|--|--|-----|-----|---------------------|
| S93 | 6342 | S89 or S90 or S91 or S92 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/07/01 15:00 |
| S94 | 5049232 | tube or hose or film | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2009/07/01 15:00 |
| S95 | 4718 | S93 and S94 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/07/01 15:00 |
| S96 | 320 | "1,9-nonanediamine" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/07/01 15:00 |
| S97 | 164 | "2-methyl-1,8-octanediamine" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/07/01 15:00 |
| S98 | 332 | S96 or S97 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/07/01 15:00 |
| S99 | 270 | S98 and polyamide | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/07/01 15:00 |
| S100 | 230 | S99 and terephthalic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/07/01 15:00 |
| S101 | 22 | "5750626" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/07/01 15:35 |
| S102 | 45377 | itaconic acid anhydride | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/07/01 15:57 |
| S103 | 2376 | itaconic adj acid adj anhydride | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/07/01 15:57 |
| S104 | 94 | S103 and (fluoropolymer or (fluorine adj containing adj polymer) or (fluorine adj polymer)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/07/01 15:58 |
| S105 | 76 | S104 and (nylon or polyamide) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/07/01 16:04 |

| S106 | 22 | S103 same (fluoropolymer or (fluorine adj polymer) or (fluorine adj containing adj polymer)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/07/01 16:33 |
|------|--------|--|--|-----|-----|---------------------|
| S107 | 16 | S106 and (nylon or polyamide) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/07/01 16:33 |
| S108 | 269286 | functional adj group | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/07/01 16:51 |
| S109 | 135 | S108 same S103 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/07/01 16:51 |
| S110 | 6 | S109 and (fluoropolymer or (fluorine adj containing adj polymer) or (fluorine adj polymer)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/07/01 16:51 |
| S111 | 4100 | 428/36.9 or 428/36.91 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2010/01/01 14:08 |
| S112 | 610 | 526/250 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2010/01/01 14:08 |
| S113 | 1796 | 138/137 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2010/01/01 14:08 |
| S114 | 887 | 428/36.8 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2010/01/01 14:08 |
| S115 | 6580 | S111 or S112 or S113 or S114 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2010/01/01 14:08 |
| S116 | 2141 | S115 and polyamide | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2010/01/01 14:08 |
| S117 | 1450 | S116 and (tube or hose) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2010/01/01 14:08 |
| S118 | 275 | S117 and (fluoropolymer or (fluorine adj containing adj polymer)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2010/01/01 14:08 |
| S119 | 275 | S115 and S118 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/01/01 14:08 |
| S120 | 29 | nishioka and iwasa | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2010/01/01 14:17 |
| S121 | 0 | S120 and pa9t | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2010/01/01 14:17 |

| S122 | 1 | S120 and 9t | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2010/01/01 14:18 |
|------|------|---|--|-----|-----|---------------------|
| S123 | 4247 | Diamine same (antioxidant or (heat adj stabilizer) or (ultraviolet adj absorbent) or (light adj stabilizer) or (antistatic adj agent) or (flame adj retardant) or (crystallization accelerator) or plasticizer or colorant or (lubricating adj agent) or (impact adj resistance adj improver)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2010/01/01 14:58 |
| S124 | 1065 | S123 and polyamide | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2010/01/01 14:58 |
| S125 | 200 | S124 and (hose or tube) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2010/01/01 14:58 |
| S126 | О | (decyldiamine or dodecyldiamine and hexyldiamine) same (antioxidant or (heat adj stabilizer) or (ultraviolet adj absorbent) or (light adj stabilizer) or (antistatic adj agent) or (flame adj retardant) or (crystallization accelerator) or plasticizer or colorant or (lubricating adj agent) or (impact adj resistance adj improver)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2010/01/01 15:18 |
| S127 | 0 | (decyldiamine or dodecyldiamine or hexyldiamine) same (antioxidant or (heat adj stabilizer) or (ultraviolet adj absorbent) or (light adj stabilizer) or (antistatic adj agent) or (flame adj retardant) or (crystallization accelerator) or plasticizer or colorant or (lubricating adj agent) or (impact adj resistance adj improver)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2010/01/01 15:19 |
| S128 | 2602 | (decyldiamine or dodecyldiamine or hexyldiamine or (long adj chain)) same (antioxidant or (heat adj stabilizer) or (ultraviolet adj absorbent) or (light adj stabilizer) or (antistatic adj agent) or (flame adj retardant) or (crystallization accelerator) or plasticizer or colorant or (lubricating adj agent) or (impact adj resistance adj improver)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2010/01/01 15:23 |
| S129 | 1 | S128 and ((fuel or gas) adj hose) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2010/01/01 15:24 |
| S130 | 3 | S128 and ((fuel or gas) adj (tube or hose)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2010/01/01 15:25 |

| S131 | 698 | Diamine near7 (antioxidant or (heat adj stabilizer) or (ultraviolet adj absorbent) or (light adj stabilizer) or (antistatic adj agent) or (flame adj retardant) or (crystallization accelerator) or plasticizer or colorant or (lubricating adj agent) or (impact adj resistance adj improver)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2010/01/01 15:32 |
|------|------|---|--|-----|-----|---------------------|
| S132 | 67 | S131 and (hose or tube) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2010/01/01 15:32 |
| S133 | 1037 | semi-aromatic or (semi adj aromatic) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2010/01/01 15:34 |
| S134 | 552 | S133 adj (polyamide or nylon) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2010/01/01 15:34 |
| S135 | 0 | S134 and S131 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2010/01/01 15:35 |
| S136 | 2 | "6656553" and dicarboxylic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/07/22 08:16 |
| S137 | 4322 | 428/36.9 or 428/36.91 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2010/07/22 10:21 |
| S138 | 626 | 526/250 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2010/07/22 10:21 |
| S139 | 1855 | 138/137 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2010/07/22 10:21 |
| S140 | 927 | 428/36.8 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2010/07/22 10:21 |
| S141 | 6881 | S137 or S138 or S139 or S140 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2010/07/22 10:21 |
| S142 | 730 | Diamine near7 (antioxidant or (heat adj stabilizer) or (ultraviolet adj absorbent) or (light adj stabilizer) or (antistatic adj agent) or (flame adj retardant) or (crystallization accelerator) or plasticizer or colorant or (lubricating adj agent) or (impact adj resistance adj improver)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2010/07/22 10:21 |
| S143 | 6 | S141 and S142 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/07/22 10:21 |
| S144 | 8114 | polyamide and ((naphthalene adj dicarboxylic adj acid) or naphthalenedicarboxylic adj acid) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2010/07/22 10:21 |

| S145 | 8127 | S144 or (naphthalenedioic adj acid) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2010/07/22 10:21 |
|------|---------|---|--|-----|-----|---------------------|
| S146 | 150 | S145 and (nonanediamine or octanediamine) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2010/07/22 10:21 |
| S147 | 5406369 | tube or hose or film | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2010/07/22 10:21 |
| S148 | 94 | S147 and S146 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/07/22 10:21 |
| S149 | 20633 | (polyamide or pa or nylon) adj "12" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2011/01/04 14:56 |
| S150 | 3808 | S149 same aromatic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2011/01/04 14:56 |
| S151 | 301 | S150 and hose | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2011/01/04 14:56 |
| S152 | 1 | "10587249" and "12" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2011/01/04 15:01 |
| S153 | 1 | "10587249" and (semi adj aromatic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2011/01/04 15:04 |

1/5/2011 11:15:13 AM

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